

Converting Colors

YUV(156.9550, -38.9248,
-21.8855)

Have a look what the booklet for
YUV(156.9550, -38.9248, -21.8855)
contains.

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Color

**YUV(156.9550, -38.9248,
-21.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	84B94E
RGB	132, 185, 78
RGB Percent	52%, 73%, 31%
CMY	0.4824, 0.2745, 0.6941
CMYK	0.29, 0.00, 0.58, 0.27
HSL	90°, 43%, 52%
HSV	90°, 58%, 73%
XYZ	28.2398, 40.1535, 13.4697
YIQ	156.9550, 2.7590, -44.5130

Conversions

Conversions Part 2

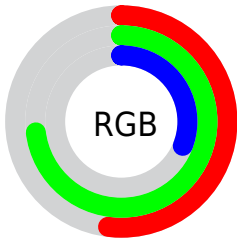
Format	Color
RYB	78, 185, 131
Decimal	8698190
CIELab	69.58, -35.23, 47.90
CIElCh	70, 59.459, 126.340
Yxy	40.1535, 0.3450, 0.4905
Android (android.graphics.Color)	4286888270 (0xFF84B94E)
YUV	156.9550, -38.9248, -21.8855
Hunter-Lab	63.3668, -31.3422, 31.7536

Details

The YUV color **156.9550, -38.9248, -21.8855** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **106.0450, 38.9248, 21.8855**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4990, -40.6720, -21.4856**, and **103.5420, -39.2142, -22.4003** is the 20% darker color. If you saturate the color by 10%, you get **152.2120, -45.4605, -25.6189**, and if you desaturate by 10%, it is **161.8120, -31.9523, -18.2521**.

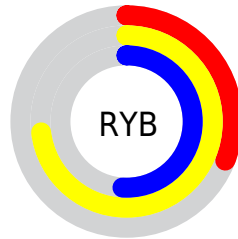
Distribution



Red (52%)

Green (73%)

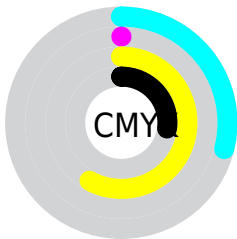
Blue (31%)



Red (31%)

Yellow (73%)

Blue (51%)

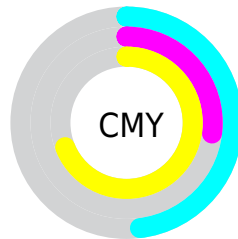


Cyan (29%)

Magenta (0%)

Yellow (58%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9550, -38.9248, -21.8855 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 156.9550, -38.9248, -21.8855 by changing the saturation by 10% instead.

■ 156.9550,
-38.9248, -21.8855

■ 156.9550,
-38.9248, -21.8855

■ 255.0000, 0.0000,
0.0000

■ 130.0690,
-38.4880, -21.9855

■ 212.4990,
-40.6720, -21.4856

■ 103.5420,
-39.2142, -22.4003

■ 232.1670,
-37.0573, -14.1785

■ 77.4710, -38.1932,
-23.2151

■ 244.3290,
-29.2492, 1.4655

■ 54.7230, -26.9784,
-26.9441

■ 250.2120,
-18.3455, 4.1991

■ 34.0460, -16.7847,
-29.8583

■ 253.5180, -5.6784,
1.2997

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 156.9550,
-38.9248, -21.8855

■ 156.9550,
-38.9248, -21.8855

■ 152.2120,
-45.4605, -25.6189

■ 161.8120,
-31.9523, -18.2521

■ 147.3550,
-52.4330, -29.2523

■ 166.5550,
-25.4166, -14.5187

■ 142.4980,
-59.4055, -32.8857

■ 171.2980,
-18.8809, -10.7853

■ 137.4560,
-65.7938, -37.2339

■ 176.4540,
-12.0558, -6.5372

■ 136.4020,
-67.2462, -38.0636

■ 181.3110, -5.0833,
-2.9037

■ 186.0540, 1.4524,
0.8296

■ 190.9110, 8.4249,
4.4631

■ 195.6540, 14.9606,
8.1964

■ 200.5110, 21.9331,
11.8299

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.1580, -53.3219, 22.6634



156.9550, -38.9248, -21.8855



139.2020, -7.0016, -87.8772

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



156.9550, -38.9248, -21.8855



138.8390, 57.2674, -121.7618



165.6260, -2.2806, 78.3810

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



156.9550, -38.9248, -21.8855



106.0450, 38.9248, 21.8855

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



173.9610, 19.7392, 62.3012



156.9550, -38.9248, -21.8855



155.1500, 49.2260, -62.3986

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



156.9550, -38.9248, -21.8855



140.9130, 44.9059, -123.5807



173.9190, 39.9729, 12.3490



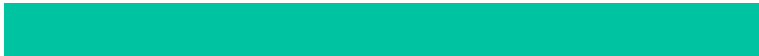
165.5680, -27.8880, 78.4319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.9550, -38.9248, -21.8855



133.4060, 13.6038, -116.9971



173.9190, 39.9729, 12.3490



168.2650, 5.2924, 76.0666

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



156.9550, -38.9248, -21.8855



229.3460, -14.9606, -8.1964



140.5170, -30.8209, 39.0116



113.6760, -8.7143, -4.9779



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.9550, -38.9248, -21.8855



196.5580, -60.4211, -33.8154



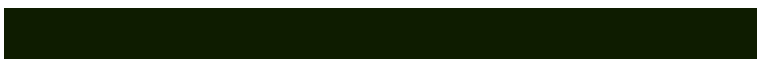
141.4070, -31.2597, -53.8539



89.4790, -3.1941, -2.1741



115.1930, -56.7901, -31.7413



20.6220, -10.1666, -5.8075

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



106.0450, 38.9248, 21.8855



117.4420, 60.4211, 33.8154



121.5930, 31.2597, 53.8539



85.2220, 3.3416, 1.5593



40.8070, 56.7901, 31.7413



7.3780, 10.1666, 5.8075

Previews

White Background



This preview shows how the YUV color 156.9550, -38.9248, -21.8855 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 156.9550, -38.9248, -21.8855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

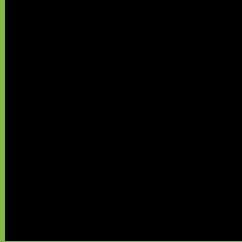
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.9550, -38.9248, -21.8855 Background



This preview shows how black text looks on a background with the YUV color 156.9550, -38.9248, -21.8855.



This preview shows how white text looks on a background with the YUV color 156.9550, -38.9248, -21.8855.

-21.8855.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

156.9550, -38.9248, -21.8855

Protanopia

164.3240, -45.0227, 20.7639

Deuteranopia

166.3890, -40.1248, 36.4928



Tritanopia

167.5230, 10.0952, -17.9987

Trichromacy



Original Color

156.9550, -38.9248, -21.8855

Protanomaly

161.5070, -42.6480, 5.6944

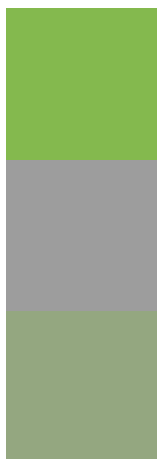
Deuteranomaly

162.9580, -39.9123, 14.9458

Tritanomaly

163.8160, -7.7973, -19.1326

Monochromacy



Original Color

156.9550, -38.9248, -21.8855

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8730, -14.2344, -7.7816

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9550, -38.9248, -21.8855 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(132, 185, 78)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 78)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(132, 185, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 78) }
```

Border

The CSS property to change the border of an element to YUV 156.9550, -38.9248, -21.8855 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 185, 78) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(132, 185, 78) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(132, 185, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 78);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 156.9550, -38.9248, -21.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 78) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(132,  
185, 78) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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